

Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 3/27/2015

DSH
Fed

Instrument Serial Number: 010592

As of 27-Mar-15

Start Date	End Date	Agency Name
26-Mar-15		Page County SO
18-Nov-14	26-Mar-15	DFS Central Lab
10-Jun-14	18-Nov-14	Petersburg PD
28-May-13	10-Jun-14	DFS Central Lab
10-Dec-12	28-May-13	Virginia Beach PD
23-Feb-12	10-Dec-12	DFS Central Lab
08-Apr-10	23-Feb-12	Loudoun County SO
07-Apr-10	08-Apr-10	DFS Central Lab
15-Apr-09	07-Apr-10	Loudoun County SO
04-Aug-08	15-Apr-09	DFS Central Lab

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
3/26/2014 To 3/27/2015

DBH
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Instrument Serial Number: 010592 **As of 27-Mar-15**

Maintenance Date	Certification Date	Technician Initials	Remarks
26-Mar-15	16-Mar-15	DBH (21250)	REPLACED UPS BACK-UP BATTERY.
16-Mar-15	16-Mar-15	HMS (18910)	REPLACED AND TESTED FUEL CELL MODULE, CALIBRATED AND CERTIFIED.
30-May-14	30-May-14	MMB (26417)	REPLACED AND TESTED FUEL CELL MODULE. FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.

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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010592** Worksheet Start Date **3/26/2015**
 Location **Page CO SO**
 Address **108 S Court St Luray VA 22835**
 DFS Technician **Donald Hall** License No. **21250**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **730** Reference Barometer (mm HG) **730**
 Reference Barometer(RB)Serial # **009109** RB Calibration Due **7/28/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.295
0.300	0.288	0.279	0.296	Sample 2	0.294
Precision		sample min	sample max	Sample 3	0.294
0.001		0.294	0.295		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.097
0.100	0.096	0.093	0.099	Sample 2	0.096
Precision		sample min	sample max	Sample 3	0.096
0.001		0.096	0.097		

Dry gas standard Lot No. (with tank no.) **AG404902-08**

Replaced dry gas standard (+O-ring)

Installed at Location

Removed to DFS-Central

Supplies
 Mouthpieces
 Certificates of Analysis
 Operator Worksheet
 Other:



Notes:

Replaced UPS back-up battery.

Instrument Serial Number

010592

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Donald B Hall

Date

3/27/15

Issuing Analyst

Jed

Date

3/27/15

DBH

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010592 Test Number: 2774

Test Date: 03/26/2015 Test Time: 14:03 EDT

Dry Gas Target: 0.288

Lot Number: AG428003-05 Exp Date: 10/07/2016

Tank Pressure: 522 psi Barometric Pressure: 729 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:04
CHK	0.297	14:05
BLK	0.000	14:06
CHK	0.296	14:07
BLK	0.000	14:08
CHK	0.295	14:09

Test Status: *Success*

Calibration CRC: 9F0712AA

OUT OF TOLERANCE PER QA WORKSHEET

DBH 3/26/15

DBH

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010592 Test Number: 2775

Test Date: 03/26/2015 Test Time: 14:10 EDT

Dry Gas Target: 0.288

Lot Number: AG428003-05 Exp Date: 10/07/2016

Tank Pressure: 507 psi Barometric Pressure: 729 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:11
CHK	0.295	14:12
BLK	0.000	14:14
CHK	0.294	14:14
BLK	0.000	14:16
CHK	0.294	14:16

Test Status: *Success*

Calibration CRC: 9F0712AA

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010592 Test Number: 2776

Test Date: 03/26/2015 Test Time: 14:19 EDT

Dry Gas Target: 0.096

Lot Number: AG404902-08 Exp Date: 02/18/2016

Tank Pressure: 865 psi Barometric Pressure: 729 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	14:19
CHK	0.097	14:20
BLK	0.000	14:22
CHK	0.096	14:23
BLK	0.000	14:24
CHK	0.096	14:25

Test Status: Success

Calibration CRC: 9F0712AA

DBH
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COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2016	DATE TEST CONDUCTED 03/26/2015
TEST EQUIPMENT NUMBER 010592		

RESULTS: TIME SAMPLE TAKEN 14:34 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE

